

08-1T-08

IFW 1653

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PTO/SB/21 (6-99)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

		Application Number	10/575,296
		Filing Date	October 14, 2004
		First Named Inventor	Kingston Mills
		Group/Art Unit	Unassigned
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	43369-0002

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Copy of an Assignment	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Version With Markings Showing Changes	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers	<input type="checkbox"/> ADDITIONAL ENCLOSURE(S) (PLEASE IDENTIFY BELOW):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
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Remarks		
AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. 43369-0002		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name	HELLER EHRLMAN LLP JAMES A. FOX (Reg. No. 38,455)		
	275 Middlefield Road, Menlo Park, California 94025	Telephone: (650) 324-7000	Facsimile: (650) 324-0638
Signature			
Date	August 15, 2006	Customer Number:	25213

CERTIFICATE OF EXPRESS MAILING

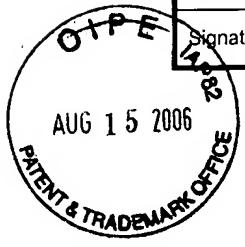
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Typed or printed name	ELENA TORRES		
Signature		Date	August 15, 2006

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Typed or print name	Elena Torres		
Signature		Date	August 15, 2006



PATENT

Attorney Docket No.: 43369-0002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Kingston Mills et al.)	Art Unit: Unassigned
Application No.: 10/575,296)	Examiner: Unassigned
Filed: October 14, 2004)	
<u>Title: ADENYLYLATE CYCLASE IN THE TREATMENT</u>)
AND/OR PROPHYLAXIS OF IMMUNE-)
MEDIATED DISEASE)

INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. §1.97

Mail Stop: AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy is provided of each foreign patent, each cited pending unpublished U.S. application, and all additional publications other than U.S. patents and U.S. patent application publications. 37 C.F.R. §§1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

(1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --

(2) It is being filed within 3 months of entry of a national stage
-- OR --

(3) It is being filed before the mail date of the first Office Action on the merits
-- OR --

(4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

a certification as specified in §1.97(e) is provided below; **or**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

A. a certification as specified in §1.97(e) is completed below; and

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**

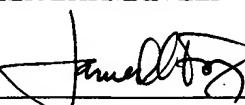
C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

Fee Authorization. The Commissioner is hereby authorized to charge the above-referenced fees and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Docket No.: 43369-0002).

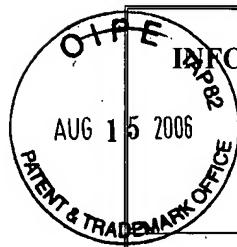
Respectfully submitted,

HELLER EHRMAN LLP

Dated: August 15, 2006

By: 
JAMES A. FOX
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INFORMATION DISCLOSURE
STATEMENT

PTO-1449

AUG 15 2006

ATTY. DOCKET NO.

43369-0002

SERIAL NO.

10/575,296

APPLICANT: Kingston Mills et al.

FILING DATE: 010/14/2004

GROUP: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,183,745	02/02/1993	Danchin et al.	435	69.1	
	5,237,052	08/17/1993	Novotny	530	350	
	5,503,829	04/02/1996	Ladant et al.	424	192.1	
	5,679,784	10/21/1997	Ladant et al.	536	23.7	
	5,595,901	01/21/1997	Rocancourt et al.	435	232	
	5,935,580	08/10/1999	Ladant et al.	424	192.1	
	6,030,625	02/29/2000	Gueirard et al.	424	253.1	
	6,127,151	10/03/2000	Novotny et al.	435	71.1	
	6,210,685	04/03/2001	Novotny et al.	424	254.1	
	6,309,648	10/30/2001	Betsou et al.	424	203.1	
	6,387,377	05/14/2002	Gueirard et al.	424	240.1	
	6,582,705	06/24/2003	Gueirard et al.	424	240.1	
	6,759,241	07/06/2004	Hone et al.	435	325	
	2002/0146430	10/10/2002	Galen	424	200.1	
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	2003/0077294	04/24/2003	Novotny et al.	424	190	
	2003/0108572	06/12/2003	Novotny et al.	424	237.1	
	2004/0001867	01/01/2004	Leclerc et al.	424	253.1	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	93/21324	28/10/1993	WO			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Dadaglio et al., "Induction of a Polarized Th1 Response by Insertion of Multiple Copies of a Viral T-Cell Epitope into Adenylate Cyclase of <i>Bordetella Pertussis</i> ", Infection and Immunity, July 2000, pp. 3867-3872.
	El-Azami-El-Idrissi et al., "Interaction of <i>Bordetella Pertussis</i> Adenylate Cyclase with CD11b/CD18", J. Biol. Chem. 278 (40):38514-38521 (2003).
	Fayolle et al., "Delivery of Multiple Epitopes by Recombinant Detoxified Adenylate Cyclase of <i>Bordetella Pertussis</i> Induces Protective Antiviral Immunity", Journal of Virology, August 2001, pp. 7330-7338.
	Gamvrellis et al., "Vaccines that Facilitate Antigen Entry into Dendritic Cells", Immunology and Cell Biology 82(5):506-516 (2004).

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SV 2226385 v1
8/11/06 11:07 AM (43369-0002)

INFORMATION DISCLOSURE STATEMENT PTO-1449		ATTY. DOCKET NO. 43369-0002		SERIAL NO. 10/575,296		
		APPLICANT: Kingston Mills et al.				
		FILING DATE: 10/14/2004		GROUP: Unassigned		
		U.S. PATENT DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						<input type="checkbox"/>
						<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Gmira et al., "Characterization of Recombinant <i>Bordetella Pertussis</i> Adenylate Cyclase Toxins Carrying Passenger Proteins", Res. Microbiol. 152:889-900 (2001).					
	Guermonprez et al., "Les Toxins Bacteriennes Recombinants: De Nouveaux Vecteurs Pour La Vaccination?", Medecine/Sciences 2000; 16:653-662.					
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	Karimova et al., "Charge-Dependent Translocation of <i>Bordetella Pertussis</i> Adenylate Cyclase Toxin into Eukaryotic Cells: Implication for the In Vivo Delivery of CD8+T Cells Epitopes into Antigen-Presenting Cells", Proc. Natl. Acad. Sci. USA vol. 95, pp. 12532-12537 (1998).					
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	Simsova et al., "The Adenylate Cyclase Toxin from <i>Bordetella Pertussis</i> -A Novel Promising Vehicle for Antigen Delivery to Dendritic Cells", International Journal of Medical Microbiology 293 (7-8):571-576 (2004).					
EXAMINER		DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.